

Rich, Christopher W. (Perkins Coie)

From: Villa, Clifford <Villa.Clifford@epa.gov>
Sent: Monday, March 03, 2014 9:05 AM
To: Feldman, Stephen (Perkins Coie); Rich, Christopher W. (Perkins Coie)
Cc: Yackulic, Ted
Subject: FW: 2-28-2014 FID Acrylonitrile tank farm screening
Attachments: Photo-8.JPG; Photo-9.JPG; Photo-10.JPG; Photo-11.JPG; Photo-12.JPG; Photo-13.JPG; Photo-14.JPG; Photo-15.JPG; Photo-16.JPG; Photo-17.JPG; Photo-18.JPG; Photo-19.JPG; Photo-20.JPG; Photo-1.JPG; Photo-2.JPG; Photo-3.JPG; Photo-4.JPG; Photo-5.JPG; Photo-6.JPG; Photo-7.JPG; FID Acrylonitrile Results and Photo Log.docx

More data and photos from the site over the weekend.

Clifford J. Villa

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From: Heister, Dan
Sent: Saturday, March 01, 2014 1:50 PM
To: Villa, Clifford; Yackulic, Ted; Field, Chris; Schmidt, Grechen; Terada, Calvin; Moon, Wally
Cc: Petersen, James C.; Martenson, Eric
Subject: 2-28-2014 FID Acrylonitrile tank farm screening

Folks, above please find 20 photos and one photo log document correlating the photos with their location and associated Flame Ionization Detector (FID) results. The list is not all inclusive as we only included about three or four Acrylonitrile product line pipes, when in fact we tested about 20, but because all were non-detect (ND) we only included the smaller group for reference. Of the eighteen areas sampled above, 12 came back ND. Four small electric pumps came in at 5 ppm, 10 ppm, 20 ppm, and 26 ppm (background was at 2-2.5 ppm). The pumps' inter-workings make decon problematic and they may need to be disassembled. Site #15 (Activated granular carbon vessels intake pipe) was the highest reading at 163 ppm. These large cartridges were used on the Acrylonitrile exhaust filter system and the charcoal media inside will be sampled by START today. This work was done to more closely inspect and confirm the work done by NRC and should have been conducted by NRC. The locations encompass all the areas known to have been in contact with Acrylonitrile and should facilitate the remaining decon to render the tank farm scrappable. I anticipate this work will be completed by the end of next week at the latest. I'm on site today with STARTs, who are carrying out further sampling which will go to the lab to confirm some of the findings above. I will return Monday.

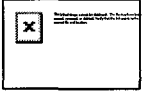
From: Petersen, James C. [<mailto:JPetersen@ene.com>]
Sent: Saturday, March 01, 2014 11:22 AM
To: Heister, Dan
Subject: 2-28-2014

James Petersen, P.E.

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